

Figure 1

1	M - N T I P R L A Q R L V L I L A G L V L - - - - - A S S A H A G L	MANA_XANC
1	M R N A R S T L I T T A G M A F A V L G L L F A L A G F S A G R A E A A A G G I	MANA_STRL
1	M R L K T K I R K K W L S V L C T V V F L L N I L F I A N V - - T I L F K V G A	MANB_CALS
29	S V S G T Q L K E S N G N T L I L R G I N L P H A W F A D R T D A A L A Q I A A	MANA_XANC
41	H V S N G R V V E G N G S A F V M R G V N H A Y T W Y P D R T G S - I A D I A A	MANA_STRL
39	A T S N D G V V K I D T S T L I - - G T N H A H C W Y R D R L D T A L R G I R S	MANB_CALS
69	T G A N S V R V V L S S G H R W N R T P E A E V A R I T A R C K A L G L I A V -	MANA_XANC
80	K G A N T V R V V L S S G G R W T K T S A S E V S A L I G Q C K A N K V I C V -	MANA_STRL
77	W G M N S V R V V L S N G Y R W T K I P A S E V A N I I S L S R S L G F K A I I	MANB_CALS
108	L E V H D T T G Y G E D G A A G S L A N A A S Y W T S V R T A L - V G Q E D Y V	MANA_XANC
119	L E V H D T T G Y G K D G A T - S L D Q A G D Y W V G V K S A A W R A Q E D Y V	MANA_STRL
117	L E V H D T T G Y G E D G A A C S L A Q A V E Y W K E I K S V L - D G N E D F V	MANB_CALS
147	I I N I G N E P F G N Q L S A S E W V N G H A N A T A T L R G A G L T H A L M V	MANA_XANC
158	V V N I G N E P F G N T - N Y A A W T D A T K S A I G K L R G A G L G H A L M V	MANA_STRL
156	I I N I G N E P Y G N N - N Y Q N W V N D T K N A I K A L R D A G F K H T I M V	MANB_CALS
187	D A P N W G Q D W Q F Y M R D N A A A L L A R D S R R N L I F S V H M Y E V F G	MANA_XANC
197	D A P N W G Q D W S G T M R S N A A S V F A S D P D R N T V F S I H M Y G V Y D	MANA_STRL
195	D A P N W G Q D W S N T M R D N A Q S I M E A D P L R N L V F S I H M Y G V Y N	MANB_CALS
227	S D A V V D S Y L R T F R S N N L A L V V G E F G A D H R G A P V D E A A I M R	MANA_XANC
237	T A A E V R D Y L N A F V G N G L P I V V G E F G D Q H S D G N P D E D A I M A	MANA_STRL
235	T A S K V E E Y I K S F V D K G L P L V I G E F G H Q H T D G D P D E E A I V R	MANB_CALS
267	R A R E Y G V G Y L G W S W S G N D S S T Q S L D I V L G W D P A R L S S W G R	MANA_XANC
277	T A Q S L G V G Y L G W S W S G N G G G V E Y L D M V N G F D P N S L T S W G N	MANA_STRL
275	Y A K Q Y K I G L F S W S W C G N S S Y V G Y L D M V N N W D P N N P T P W G Q	MANB_CALS
307	S L I Q G P D G I A A T S R R A R V F G A R V R A M E -	MANA_XANC
317	R I L Y G S N G I A A T S -	MANA_STRL
315	W - - Y K T N A I G T S S -	MANB_CALS

MANA_XANC
MANA_STRL
MANB_CALS

Figure 2

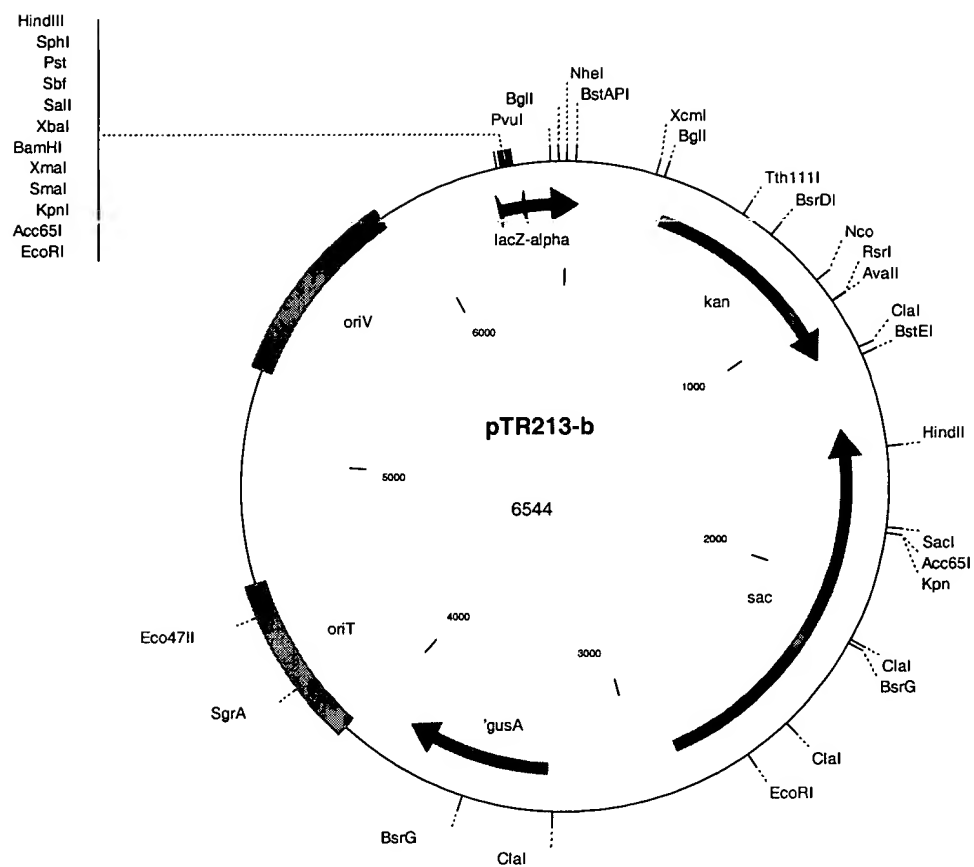


Figure 3

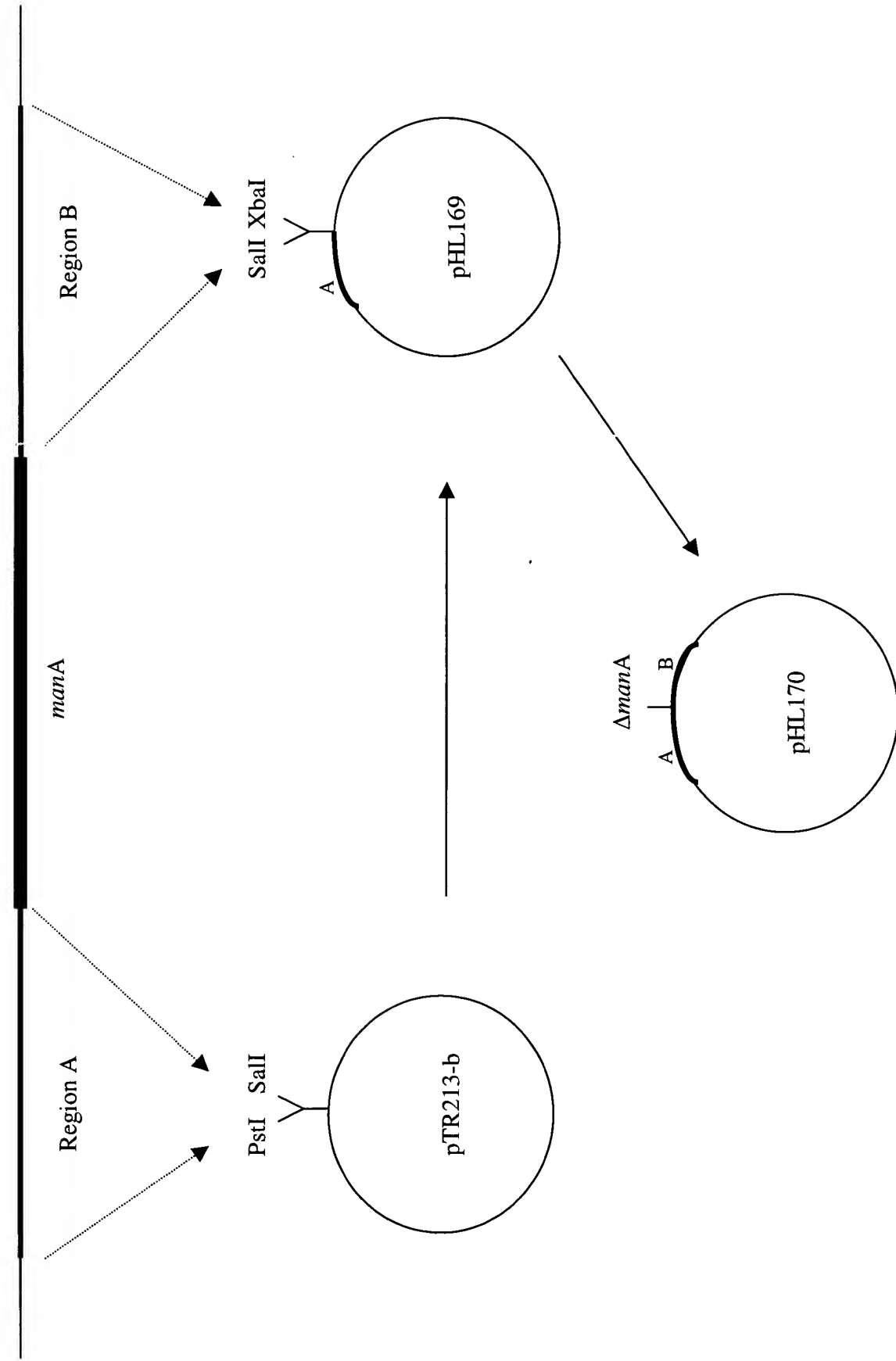


Figure 4

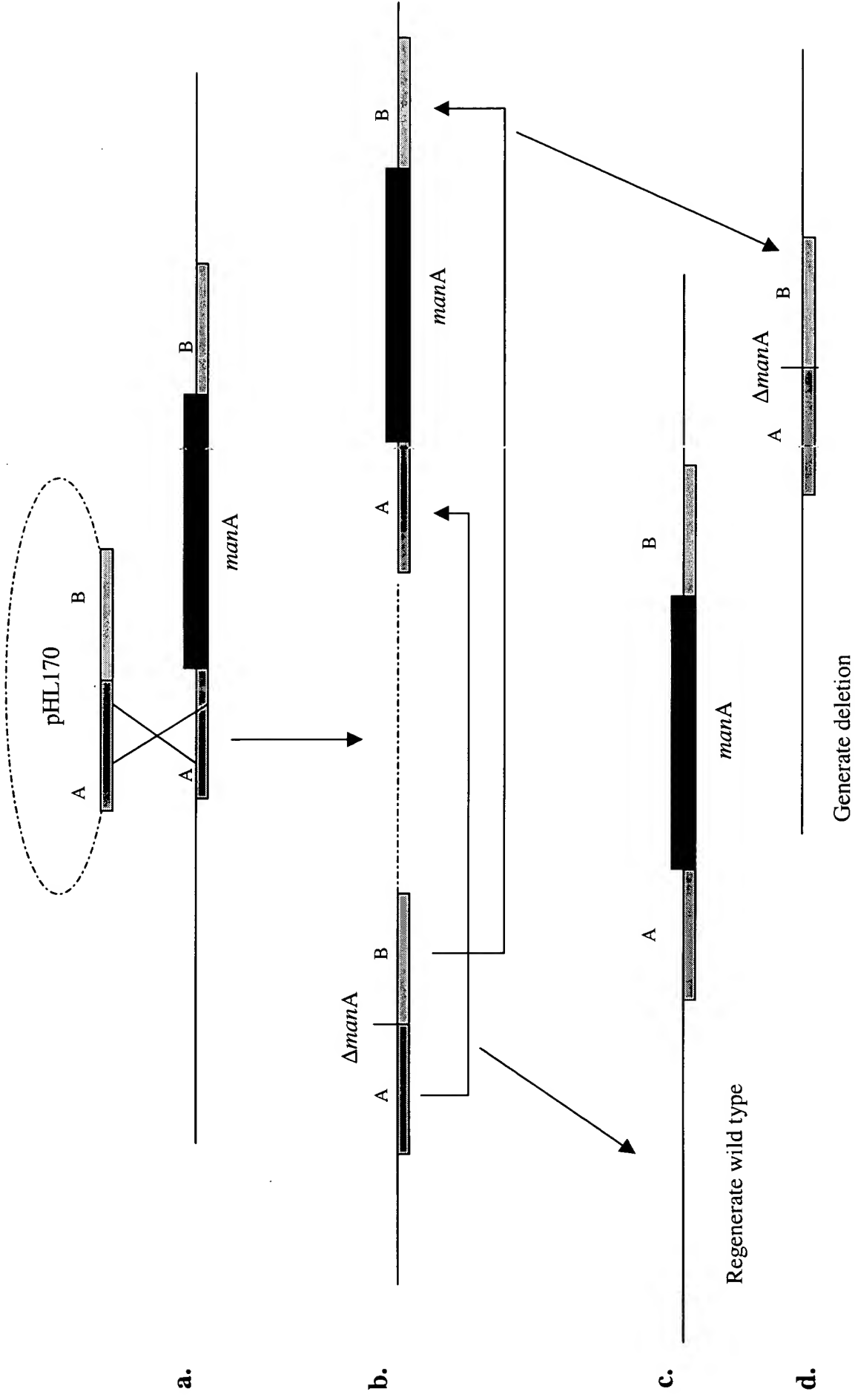
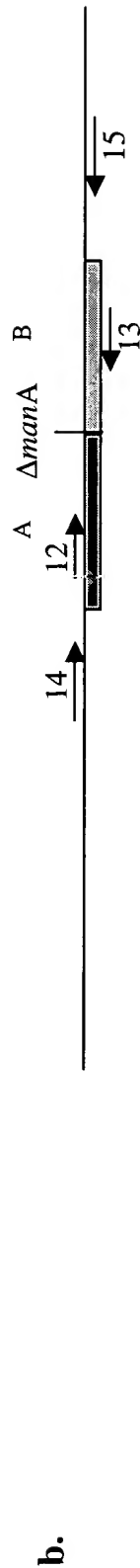


Figure 5



1.

2.



1.

2.